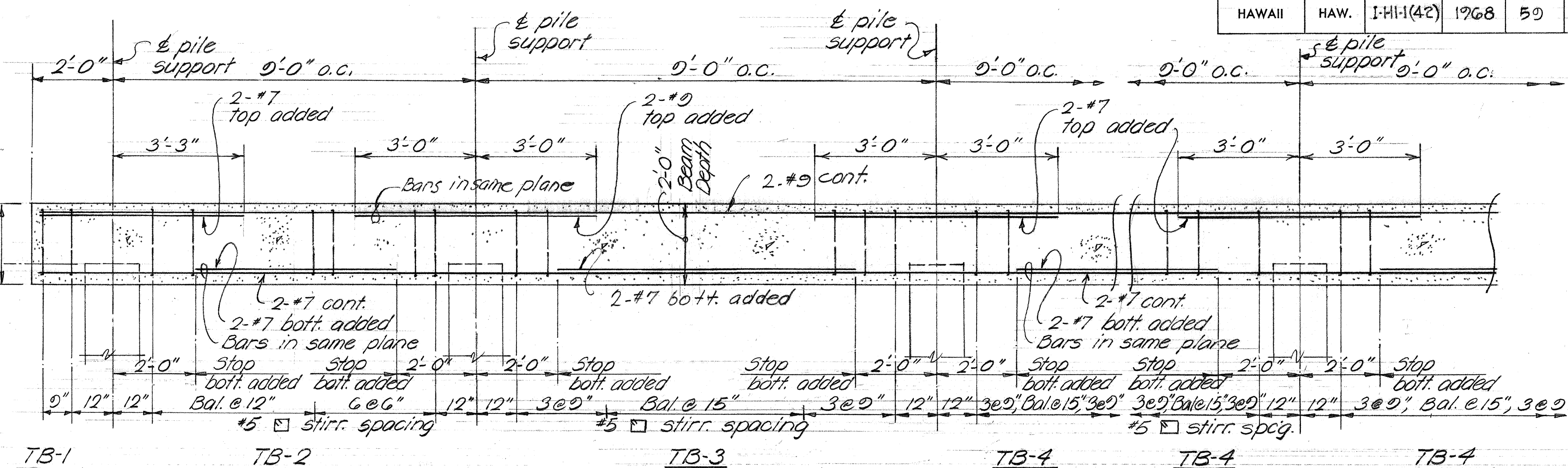
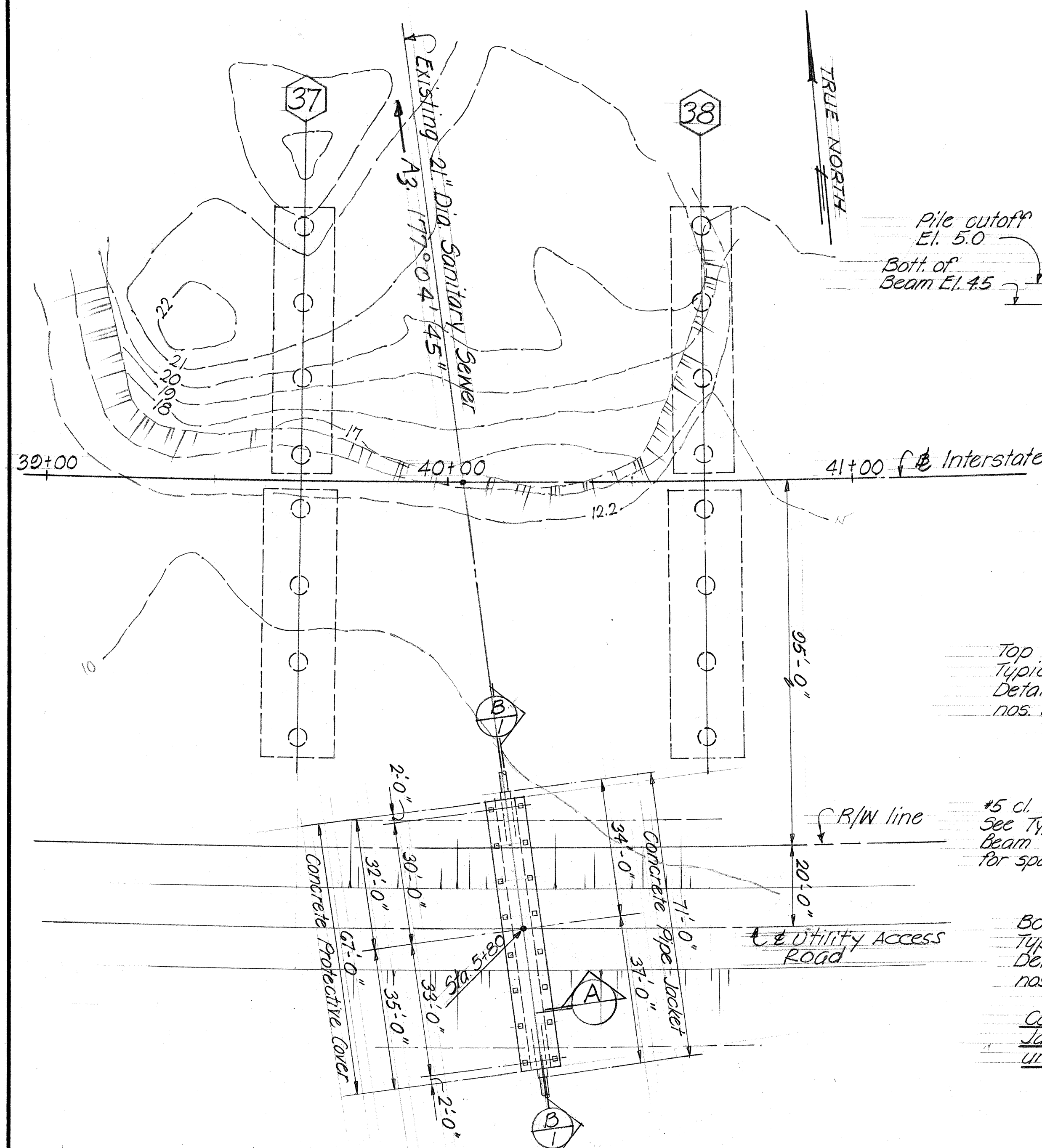
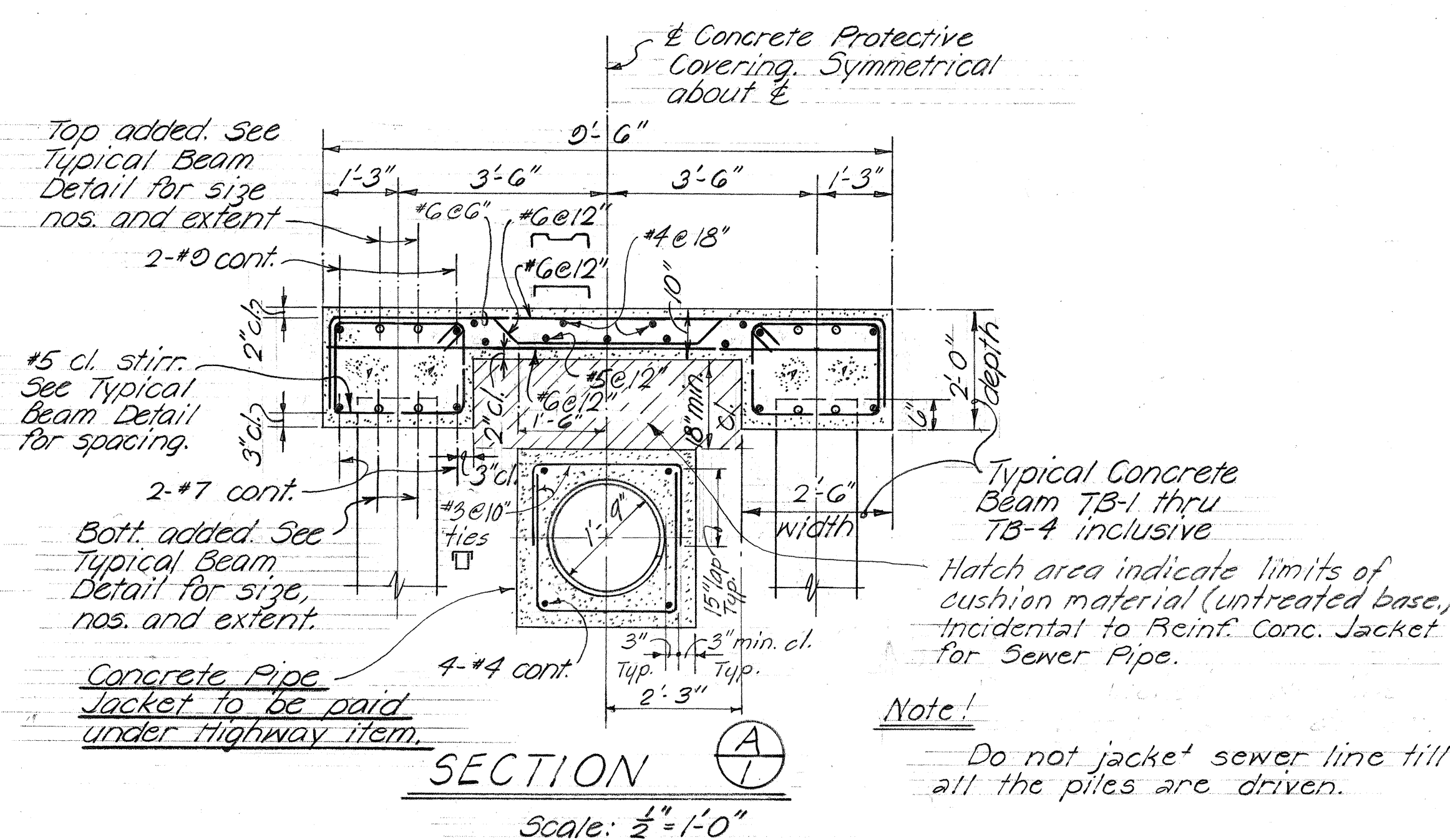


| FED. ROAD DIST. NO. | STATE | FED. AID PROJ. NO. | FISCAL YEAR | SHEET NO. | TOTAL SHEETS |
|---------------------|-------|--------------------|-------------|-----------|--------------|
| HAWAII              | HAW.  | I-HI-1(42)         | 1968        | 59        | 59           |



TYPICAL CONCRETE BEAM DETAILS (PROTECTIVE COVER) Scale:  $\frac{1}{2}'' = 1'-0''$



SECTION Scale:  $\frac{1}{2}'' = 1'-0''$

Note: Do not jacket sewer line till all the piles are driven.

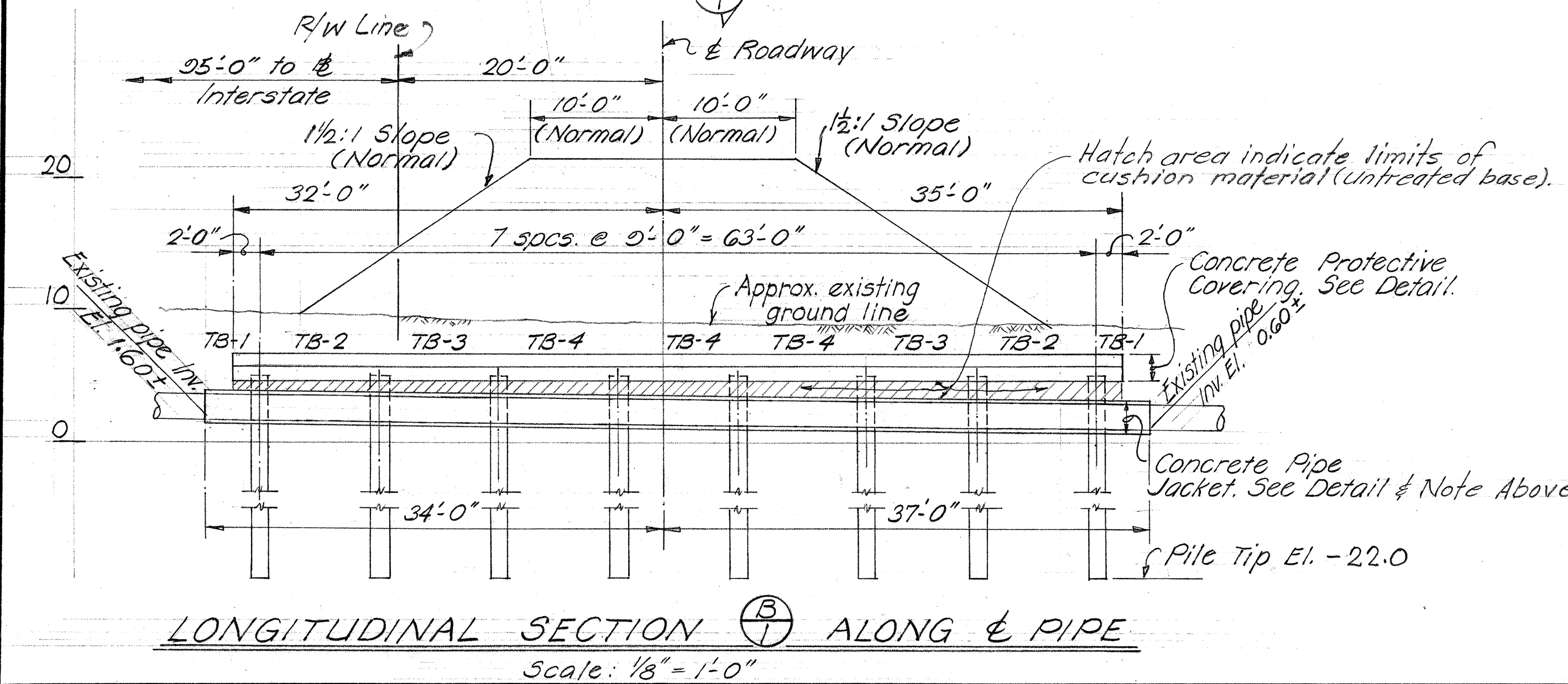
| CONCRETE PROTECTIVE COVERING<br>(ESTIMATED QUANTITIES) |             |
|--------------------------------------------------------|-------------|
| Class A-1 Concrete                                     | 34 c.y.     |
| Reinforcing Steel                                      | 7,640 Lbs.  |
| Prestressed Conc. Piles-Type I                         | 472 Lin.Ft. |

STATE OF HAWAII  
DEPARTMENT OF TRANSPORTATION  
HIGHWAYS DIVISION  
PEARL CITY VIADUCT  
SANITARY SEWER PROTECTIVE  
CONCRETE COVERING  
UTILITY ACCESS RD. STA. 5+80  
INTERSTATE ROUTE H-1  
FAI PROJ. NO I-HI-1(42) 10 JAN. 1968

APPROVED:  
*E. L. L.*  
DIRECTOR, DIVISION OF SEWERS DATE

SHEET No. 1 OF 1 SHEETS

|                   |      |
|-------------------|------|
| SURVEY PLOTTED BY | DATE |
| DRAWN BY          |      |
| DESIGNED BY       |      |
| QUANTITIES BY     |      |
| CHECKED BY        |      |
| ORIGINAL PLAN     |      |
| NOTE BOOK         |      |
| NO.               |      |



LONGITUDINAL SECTION  $\textcircled{B}$  ALONG & PIPE Scale:  $\frac{1}{8}'' = 1'-0''$